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<p>(21) International Application Number: PCT/US95/02532 (22) International Filing Date: 3 March 1995 (03.03.95) (30) Priority Data: 94/1494 3 March 1994 (03.03.94) ZA (71) Applicant (for all designated States except US): GIBBONEY, Raymond, Connell [US/US]; 3880 Dial Mill Road, Conyers, GA 30208 (US). (71)(72) Applicant and Inventor: STEPHAN, Carl, Wilfred, Benjamin [ZA/ZA]; 20 Drommedaris Street, Gordon's Bay, Western Cape (ZA). (74) Agent: HINKLE, James, A.; Suite 300, 390 Crogan Street, N.W., Lawrenceville, GA 30245 (US).</p>		<p>(81) Designated States: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>
<p>(54) Title: FOIL CUTS</p> <div data-bbox="324 1155 1380 1638"><p>The diagram illustrates a foil cut (10) with a series of spaced, parallel corrugations (18). The foil cut is shown in a perspective view, with a dashed rectangular frame indicating its overall dimensions. The corrugations (18) are shown as a series of parallel lines extending from one side edge to the other. The foil cut is labeled 10, and the corrugations are labeled 18. Other labels include 12, 14, 16, 20, 22.1, and 22.2, which likely refer to specific parts or dimensions of the foil cut.</p></div> <p>(57) Abstract</p> <p>A foil cut (10) comprises a strip of metal foil having a series of spaced, parallel corrugations (18) which extends from one side edge of the foil to the other.</p>		

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FOIL CUTS

Technical Field of the Invention.

THIS INVENTION relates to foil cuts.

Background Art.

5 Foil cuts are strips of metal (usually aluminium) foil that are used in the hairdressing technique known as foil highlighting. Such a technique is, for example, described in my US patent 5,152,306.

Disclosure of Invention.

10 According to the present invention there is provided a foil cut which comprises a strip of metal foil having a pair of opposite end edges and a pair of opposite side edges, and a series of spaced, parallel corrugations which extend from one said side edge to the other.

15 The corrugations may be in a corrugated central portion of the foil cut, the foil cut further having uncorrugated portions between the corrugated portion and each said end edge.

The uncorrugated portions may be embossed.

Further according to the invention there is provided a pack which comprises a stack of foil cuts as aforesaid, stacked one on top of the other and enclosed in a container.

Brief Description of the Drawings.

The invention will now be described in more detail, by way of example, with reference to the accompanying drawings:

In the drawings:

5 Figure 1 is a side view of a pictorial view of a pack of foil cuts in accordance with the invention; and

 Figure 2 is a side view of one of the foil cuts, showing its configuration during use.

Best Mode of Carrying Out the Invention.

10 Referring now to the drawings in more detail, reference numeral 10 indicates a series of foil cuts stacked one on top of the other and enclosed in a container such as an envelope 12 (shown dotted) or cardboard box to form a pack.

 Each of the foil cuts 10 comprises a rectangular sheet of metal foil having a pair of opposite end edges 14 and a pair of opposite side edges 16. Each
15 foil cut 10 further has a series of spaced, parallel corrugations 18 in a corrugated central portion 20 of the foil cut, the corrugations 18 extending from one of the side edges 16 to the other. Between the corrugated portion 20 and the end edges 14 there are uncorrugated portions 22.1 and 22.2 respectively.

 The foil cuts 10 may conveniently be of aluminium foil, each having
20 a size of approximately 100 by 250mm. The length of the corrugated portion 20 may be approximately 60mm, and the lengths of the uncorrugated portions 22.1 and 22.2 may be 70 and 120mm respectively. The spacing between adjacent corrugations (crest to crest) may be approximately 5mm, and the depth of the corrugations (crest to trough) may be in the order of 2mm.

25 During use, foil cuts are required to be folded over double so that

streaks of hair to which a hair treating preparation has been applied is enveloped between the opposite ends of the foil cut. A major difficulty with conventional foil cuts, i.e. foil cuts which are of flat aluminium foil and do not have any corrugations, is that they are difficult to fold neatly because of their tendency to buckle or crinkle and not fold where the user wants them to fold. The foil cuts of the present invention, on the other hand, are very easy to fold in the region of the corrugated portion 20. A further benefit is that, when folding the foil cuts 10, the corrugated portion 20 bends smoothly to form a gradual curve rather than a sharp fold, as shown in Figure 2. This leaves the treated streaks of hair which are between the ends of the foil cut 10 more exposed to air, enhancing the effect of the preparation in cases where the preparation relies for its effect on the presence of air.

The foil cuts 10 may conveniently be made by passing aluminium foil strips through the nip of a pair of embossing rollers which are shaped to form the corrugations 18 in the strip. Furthermore, the embossing rollers may be such as to emboss the uncorrugated portions 22.1 and 22.2 to give them easier to handle. Furthermore, by means of the embossing rollers, directions or instructions for use, and/or promotional or advertising material may be embossed on the foil in the uncorrugated portions.

WHAT IS CLAIMED IS:

1. A foil cut which comprises a strip (10) of metal foil having a pair of opposite end edges (14) and a pair of opposite side edges (16), characterised in that it further has a series of spaced, parallel corrugations (18) which extend from one said side edge (16) to the other.
2. A foil cut as claimed in claim 1, characterised in that the corrugations (18) are disposed in a central portion (20) of the foil cut, the foil cut further having uncorrugated portions (22.1, 22.2) between the corrugated portion (20) and each said end edge (14).
3. A foil cut as claimed in claim 2, wherein the uncorrugated portions (22.1, 22.2) are embossed.
4. A pack which comprises a stack of foil cuts (10) as claimed in any one of the preceding claims, stacked one on top of the other and enclosed in a container (12).

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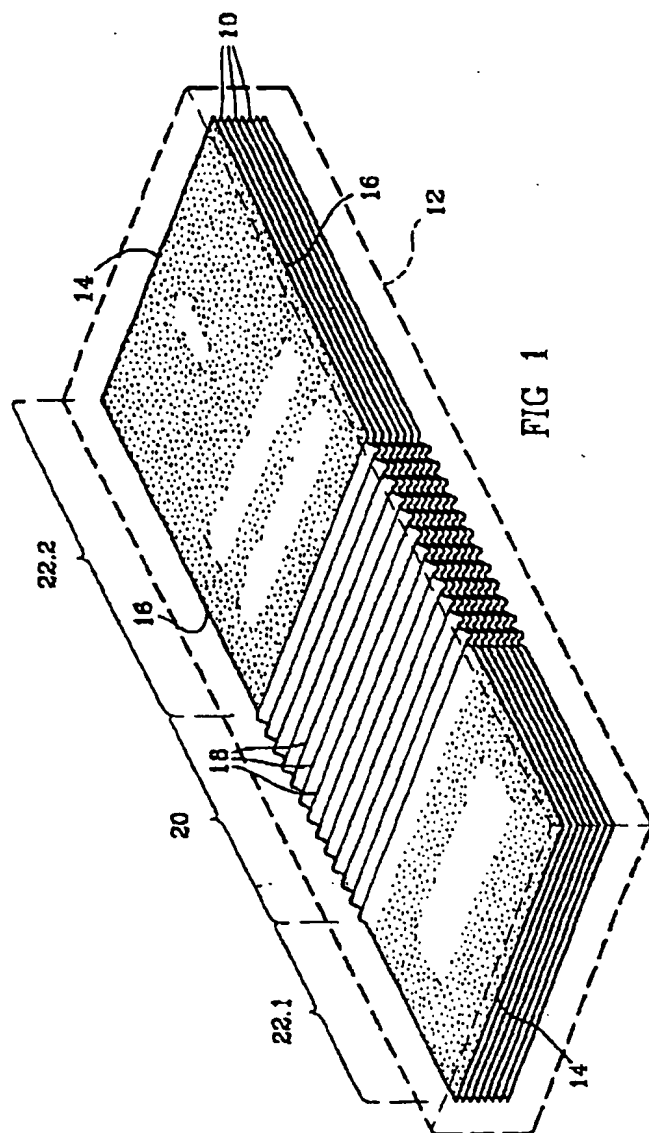


FIG 1

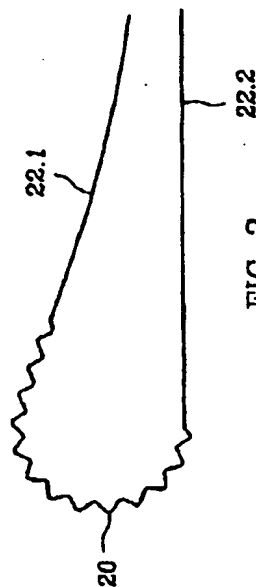


FIG 2

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US95/02532

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :A45D 19/18

US CL :428/603, 606; 132/270

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 428/603, 606; 132/208, 222, 270

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US, A, 2,290,608 (EVANS) 21 July 1942, figure 11.	1
X	US, A, 4,184,002 (REINICHE ET AL) 15 January 1980, figures 3-4.	1
A	US, A, 4,196,741 (MINGHENELLI) 08 April 1980, abstract.	1-4
X	US, A, 4,923,216 (CEDAR) 08 May 1990, abstract.	1
A	US, A, 5,056,539 (ABRAMSON) 15 October 1991, abstract.	1-4
A	US, A, 5,287,864 (GALLO) 22 February 1994, abstract.	1-4

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Date of the actual completion of the international search

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Date of mailing of the international search report

24 MAY 1995

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US, A, 5,349,970 (RAZZOUQ) 27 September 1994, abstract.	1-4
A	DE, A 3142942 A1 (BOSCH) 07 July 1983, abstract.	1-4

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